

Product Name**Boric acid****Grade: Laboratory****Synonyms**

Trihydroxidoboron, Orthoboric acid, Trihydroxyborane

CAS Number

10043-35-3

General Information

Chemical formula:	H ₃ BO ₃	Molar Mass:	61.83 g/mol
Appearance:	White powder	Density:	1.435 g/cm ³ (20 °C)
Solub. in water:	50 g/l (21°C)	Melting point:	185 °C
Thermal decomposition:	above 185 °C	Flash point:	300 °C
Storage temp.:	Below +30 °C	Cautions:	Toxic, irritant
R:	60-61	S:	53-45
HS-No.:	2810 00 000	EC-Index-No.:	233-139-2

**Hazard Symbol****Specification**

Assay	99.5 - 100.5	%
Identification (Borate)	Conforms	
Solubility in alcohol	Conforms	
Completeness of solution	Conforms	
Heavy metals (as Pb)	≤ 20	ppm
Loss on drying (5h, silica gel)	≤ 0.5	%

Ordering Information

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
Plastic	433.05.01000.02	–	433.05.05000.02	433.05.10000.02	–
Glass	–	–	–	–	–